

Memorandum

SFUND RECORDS CTR
3737-90511

Date:

SOMS # 88-206808

To :

From : Department of Fish and Game

Subject:

PICTURE NO 1

In this picture can be seen the three settling tanks that come off the spray used in the vent pipe of a the dry mixing machine. The insecticides and water goes into the tank at the far left, where some of the insecticides are settled out. In the second tank, more insecticides are settled out. In the third tank what remaining insecticides and water are pumped out thru the hose seen on the tank on the right. The cement ground tank was built to contain any spills, from the tanks.

These tanks were not operating, and haven't been for a long time. The tank on the far left had filled up and overflowed, as there was about 2 feet of insecticide in cement ground tank. In the second tank, or the middle tank, it was filled up with insecticide to about 1 foot of the top. The third tank was full of water.

PICTURE NO 2

The pump is used to pump the water and insecticide from the third tank to the large tank in picture No 3. This pump was being operated to pump the water and insecticides on to the ground and thru the dock into the canal.

The outside black hose is the hose to the settling tanks, this hose was shut off to the tanks. The inside hose with the valve is the hose used to bypassed the settling tanks, and it was hooked up directly to the water spray from the vent pipe, and it was pumping the water and insecticides directly into the water of the canal.

PICTURE NO 3

This tank and another filter(not shown) is the final operation of the system. The large tank is to store the water and what remaining insecticides, until it could be emptied, and hauled away by tank truck.

When the plant bypassed the settling tanks this tank and filter was not operating. In the lower middle of the picture can be seen the water and insecticides being pumped and allowed to run into the canal.

SUMMARY:

The operators of the plant, had no regard for the fish life in the waters of the Richmond Channel. Instead of cleaning out the tanks, and keeping the system operating properly, they allowed it to become inoperative.



The below picture is the water
draining off the above area containing
the DDT bags and other chemicals.
From here it drains along a building
into the water of the channel.



The picture on the left is the area used by the plant , care was not taken to prevent the rains from washing the powder DDT from the bags, and then run into the water of the channel. there were other types of insecticides on the area.

NO

1

NO 3

NO

2



Above are 2 bundles of the bags
placed in the open in the dumping
area. The word DDT can be seen on the
bag.



filled up settling tanks

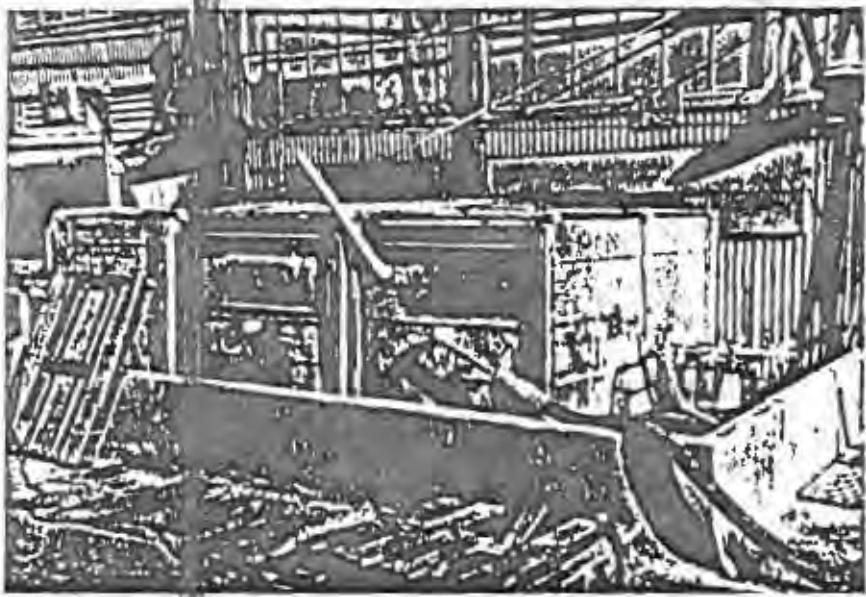
2nd side filled water running on the ground
in the plant & dumping ground.



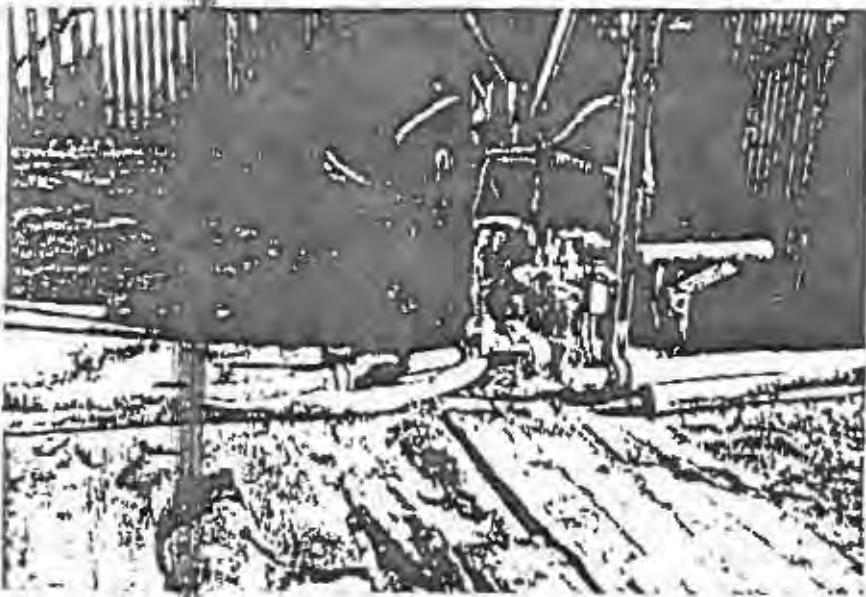
insecticide water running thru dock, out of the
rate's under the dock, then into the water of the
channel

empty DDT bags stacked on the dumping area





The pump in the lower picture was operating. It was pumping the water and insecticides directly from the water trap on to the ground, and then the water filled insecticides ran thru the dock cracks, down the bank into the water of the canal.



...be tanks. ... see ...
icicles from the water ming from the
watertrap on the dry mixing machine.
These tanks were not operating, they
were full of insecticide waste material



1

3

2



The large tank in the picture above,
is a collecting and holding tank
for the water and insecticides. This
tank was to be emptied periodically.
This tank was not in operation, as it
was cut out of the inservice system
instead of the water going to this ta-
nk, it was piped into the canal